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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/733,414	12/12/2003	Caitlyn Curtin	3681-000001/US	9098
30593	7590	09/29/2004	EXAMINER	
HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 8910 RESTON, VA 20195			GRAVINI, STEPHEN MICHAEL	
			ART UNIT	PAPER NUMBER
			3749	

DATE MAILED: 09/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/733,414	Applicant(s) CURTIN, CAITLYN	
	Examiner Stephen Gravini	Art Unit 3749	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 5-6, 8, and 13-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Jones (US 5,822,878). Jones is considered to disclose the claimed dryer comprising:

a diffuser **30**, **34**, or **36** for allowing air to exit ha order to dry a surface (wherein the disclosed nozzle is considered to anticipate the claimed diffuser because both allow air to exit ha order to dry a surface as claimed);

movement means **46** & **48** for moving the diffuser over a wide range of angles ha order to dry different parts of the surface; and

control means **52** for sending instructions to the movement means in order to control the movement of the movement means over the wide range of angles. Jones is also considered to disclose the claimed securing means **62**, wide range of angles selection (column 6 lines 18-23), preprogrammed movement control means (column 6 lines 1-17), programmable control means **214**, a muffler (column 5 lines 6-9), a timer (column 4 line 47), and wherein the control means is operable to send the instructions to the movement means without the need for a user to access the control means (column 11 lines 54-64). The Office construes the claimed invention under the current

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practice for claim language falling within 35 USC 112, sixth paragraph. Please see MPEP 2181 for examination analysis.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jones in view of Aisenberg et al. (US 6,038,786). Jones is considered to disclose the claimed invention, as discussed above under the anticipatory rejection, except for the claimed transceiver for detecting the presence or absence of a user, which is interpreted to be a motion or proximity sensor. Aisenberg is considered to disclose the claimed transceiver at column 7 lines 23-39. It would have been obvious to one skilled in the art to combine the teachings of Jones with the considered disclosed transceiver, disclosed by Aisenberg for the purposed of controlling user drying operations by automating the activation of a drying means by proximity or motion sensing.

Claims 7 and 9-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jones. Jones is considered to disclose the claimed invention, as discussed above under the anticipatory rejection, except for the claimed lightweight material construction and heat sensitive, resistant, or tolerant material. It would have been an obvious matter of design choice to provide any type of construction material, since the applicant has not patentably distinguished those types of claimed construction material from those found in the prior art cited in this action.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jones in view of Bahman (US 5,970,622). Jones is considered to disclose the claimed invention, as discussed above under the anticipatory rejection, except for the claimed removable remote control. Bahman is considered to disclose the claimed removable remote control at column 2 lines 23-34. It would have been obvious to one skilled in the art to combine the teachings of Jones with the considered disclosed removable remote control, disclosed by Bahman for the purposed of controlling user drying operations by allowing remote access for control.

Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jones in view of Chan (US 5,857,263). Jones is considered to disclose the claimed invention, as discussed above under the anticipatory rejection, except for the claimed retractable power cord. Chan is considered to disclose the claimed retractable power cord at column 2 lines 29-40. It would have been obvious to one skilled in the art to combine the teachings of Jones with the considered disclosed retractable power cord, disclosed

by Chan for the purposed of changing the length of the power supply for the drying and allowing dryer use at different locations.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Reference A, cited with this action, shows most features of the claimed invention, but not relied upon, since other prior art references are considered to anticipate and/or obviate the claimed invention in a related field of endeavor.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Gravini whose telephone number is 703 308 7570. The examiner can normally be reached on normal weekday business hours (east coast time).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira S. Lazarus can be reached on 703 308 1935. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Smg 9/27/04

Stephen M Gravini